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- PN - RU2136297 C 19990910  
PD - 1999-09-10  
PR - RU19980119168 19981022  
OPD - 1998-10-22  
TI - METHOD OF PREPARING TRANSPLANT "BIO-MATRIX IMPLANT"  
FOR STOMATOLOGY  
AB - FIELD: medicine, stomatology. SUBSTANCE: osseous tissue is  
treated with 0.1-0.3% of papain solution (at 65 C, pH 6.5 for 10-24  
h, not less) followed by treatment with 1% solution of hydrogen  
peroxide and 1% of ethanol solution taken at the ratio = 1:1 for 24 h  
and the following successive treatment with 30, 70 and 96% ethyl  
alcohol solutions (for 10 h in each solution), lyophilization and  
sterilization by the irradiation at the dose 2.5 MGrad. Invention can  
be used in maxillo-facial surgery in dental implantation and osseous  
tissue reconstruction, in orthopedics and traumatology. EFFECT:  
improved method of preparing. 3 ex  
IN - AKHUNDOV I JU; IVANOV S JU; LEONT EVA G D; NOVIKOV S V;  
LARIONOV E V; SAVASHCHUK D A; TREGUBOV A A  
PA - AKHUNDOV IBRAGIM JUSIFOVICH; IVANOV SERGEJ JUR EVICH;  
LARIONOV EVGENIJ VIKTOROVICH; NOVIKOV SERGEJ  
VIKTOROVICH; SAVASHCHUK DMITRIJ ALEKSEEVICH; TREGUBOV  
V ALEKSEJ ALEKSEEVICH  
IC - A61K35/32 ; A01N1/02

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- TI - Method of preparing transplant bio-matrix implant for stomatology  
PR - RU19980119168 19981022  
PN - RU2136297 C1 19990910 DW200035 A61K35/32 000pp  
PA - (AKHU-I) AKHUNDOV I YU  
- (IVAN-I) IVANOV S YU  
- (TREG-I) TREGUBOV A A  
IC - A01N1/02 ; A61K35/32  
IN - AKHUNDOV I YU; IVANOV S YU; TREGUBOV A A  
AB - RU2136297 NOVELTY - Osseous tissue is treated with 0.1-0.3% of  
papain solution (at 65 C, pH 6.5 for 10-24 h, not less) followed by  
treatment with 1% solution of hydrogen peroxide and 1% of ethanol  
solution taken at the ratio = 1:1 for 24 h and the following  
successive treatment with 30, 70 and 96% ethyl alcohol solutions  
(for 10 h in each solution), lyophilization and sterilization by the  
irradiation at the dose 2.5 MGrad. Invention can be used in maxillo-f

acial surgery in dental implantation and osseous tissue reconstruction, in orthopedics and traumatology.

- USE - Medicine, stomatology.
- ADVANTAGE - Improved method of preparing.
- (Dwg.0/0)

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AN - 2000-409361 [35]